



MULTI-STAKEHOLDER FRAMEWORK

FOR INTERVENING IN ROOT, TUBER AND BANANA SEED SYSTEMS

Tool Description Sheet

1. **Purpose:** identify stakeholders, coordination breakdowns, bottlenecks. Rapid assessment of seed availability, access, and quality
2. **Level:** entire seed system
3. **Users of the tool:** seed intervention designers, implementers, evaluators, and analysts
4. **Output of the tool:** qualitative description of a seed system, including an overview of anticipated constraints
5. **Audience of the output:** the users mentioned above, and policy makers, lobbyists, and donors
6. **Minimum sample size:** there is no minimum. As many stakeholders as possible should be consulted, depending on available resources
7. **Resources**
 - a. number of people: 1-3 people to collect and analyze information.
 - b. equipment: internet, vehicle, location and stationery for workshops and focus group discussions
 - c. expertise: biophysical and social science, including gender expertise
8. **Timing:** scoping, monitoring-&-evaluation. Ideally, the study should be conducted at the start of a seed system intervention and again at the end
9. **Duration:** 1-8 weeks
10. **Steps**
 - a. Context analysis: review publications and grey literature. Field visits to identify key stakeholders
 - b. Draw the framework matrix. Each group of stakeholders (e.g. seed users, researchers) is represented by a row across the table. The columns are the functions of the seed system (e.g. seed availability). Each intersection of a row and a column is a cell of the table which the study team fills in to define the role for each stakeholder for each function (e.g. what is the role do policy makers play for seed availability? What is the role of seed producers for seed quality?)
 - c. Identify methods to help project staff answer questions or gather information lacking on the existing seed system intervention

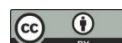
11. **Which methods can be used in combination with the tool:** many methods may be suitable to answer questions identified using this tool, but literature review, semi-structured interviews, workshops and focus group discussions are especially useful
12. **Gender:** it allows differentiation for gender and other social aspects (gender responsiveness level 1: gender is a significant factor in this tool, but it is not the main reason for using it)
13. **User guide:** Bentley, J. W., Mudege, N. & Andrade-Piedra, J. L. (2020). User guide to the multi-stakeholder framework for intervening in root, tuber and banana seed systems. Lima (Peru). CGIAR Research Program on Roots, Tubers and Bananas (RTB). RTB User Guide. No. 2020-2. <https://doi.org/10.4160/9789290605591>
14. **Research paper:** Bentley, J. W., Andrade-Piedra, J. L., Demo, P., Dzomeku, B., Jacobsen, K., Kikulwe, E., Kromann, P., Kumar, L. P., McEwan, M., Mudege, N., Ogero, K., Okechukwu, R., Orrego, R., Ospina, B., Sperling, L., Walsh, S., & Thiele, G. (2018). Understanding root, tuber, and banana seed systems and coordination breakdown: A multi-stakeholder framework. *Journal of Crop Improvement*, 32(5), 599-621. <https://cgspace.cgiar.org/handle/10568/93374>
15. **Applications**
Andrade Piedra, J. L., Bentley, J.W., Almekinders, C. J. M., Jacobsen, K., Walsh, S., & Thiele, G. (Eds.). (2016). Case Studies of Roots, Tubers and Bananas Seed Systems. RTB Working Paper 2016-3. <https://cgspace.cgiar.org/handle/10568/81052>

Ogero, K., Pamba, N., & Walsh, S. (2015). Review and learning workshop on Marando Bora (Quality Vines), sweetpotato seed systems case study in the Lake Zone, Tanzania. Proceedings of a workshop held in Mwanza, Tanzania, 27–28 January 2015

Pircher, T., Obisesan, D., Nitturkar, H., Asumugha, G., Ewuziem, J., Anyaegbunam, H., Azaino, E., Akinmosin, B., Ioryina, A., Walsh, S., & Almekinders, C. J. M. (2019). Characterizing Nigeria's cassava seed system and the use of planting material in three farming communities. Lima: International Potato Center. RTB Working Paper. No. 2019-1. <https://cgspace.cgiar.org/handle/10568/106314>
16. **Communication materials:** Andrade-Piedra, J. L. & McEwan, M. (2018). A “wicked” challenge – understanding root, tuber and banana seed systems and coordination breakdown: A multi-stakeholder framework. https://www.rtb.cgiar.org/news/a-multi-stakeholder-framework/?_page=9
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